

## PART B - FEE(S) TRANSMITTAL

05-03-09

Complete and send this form, together with applicable fee(s), to: **Mail**

**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**or Fax (571)-273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All other correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

20306 7590 03/22/2007

**MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP**  
**300 S. WACKER DRIVE**  
**32ND FLOOR**  
**CHICAGO, IL 60606**

05/03/2007 HDEMES2 00000117 10559980

01 FC:2501 700.00 OP  
 02 FC:1504 300.00 OP  
 03 FC:0001 2.00 OP

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/559,980	12/08/2005	John Kouvetakis	05-720-US3	6555

**TITLE OF INVENTION:** METHOD FOR PREPARING GEI-X-YSNXY (E=P, AS, SB) SEMICONDUCTORS AND RELATED SI-GE-SN-E AND SI-GE-E ANALOGS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$0	\$1000	06/22/2007

EXAMINER	ART UNIT	CLASS-SUBCLASS
PATEL, REEMA	2812	438-507000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 McDonnell Boehnen

2 Hulbert &amp; Berghoff, LLP

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Arizona Board of Regents, a body  
 corporate of the State of Arizona

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

699 S. Mill Ave., Suite 601, Tempe, AZ 85281

acting for and on behalf of Arizona State University

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies Three (3)

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☒ A check is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 13-2490 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

David S. Harper

Date May 2, 2007

Registration No. 42,636

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 05-720-US3)

PATENT

In application of

J. Kouvetakis, et al.

Serial No. 10/559,980

Filed: December 08, 2005

For: Method for Preparing gel-x-ysnxy )  
(E=P, AS, SB) Semiconductors and )  
Related Si-Ge-Sn-E and Si-Ge-E )  
Analogues )

Examiner: Reema Patel

Group Art Unit: 2812

Confirmation No.: 6555

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-14501

Dear Sir,

The issue fee and transmittal form are submitted herewith. Applicants have received no notice that formal drawings are required.

Date:

5/2/07

Respectfully submitted,

David S. Harper  
Registration No. 42,636

**McDonnell Boehnen  
Hulbert & Berghoff, LLP**  
300 South Wacker Drive  
Chicago, IL 60606

Telephone: 312-913-0001  
Facsimile: 312-913-0002



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No.: 05-720-US3)

In the Application of:

J. Kouvetakis, et al.

Serial No. 10/559,980

Filed: December 8, 2005

Title: Method for Preparing  
Gel-x-ysnxey (E=P, AS, SB)  
Semiconductors and Related  
Si-Ge-Sn-E and Si-Ge-E  
Analog

Group Art Unit: 2812

Examiner: Reema Patel

Confirmation No.: 6555

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

In regard to the above-identified U.S. patent application;

1. We are transmitting herewith the attached:

- ☒ Transmittal Letter (in duplicate);
- ☒ Letter to the Commissioner;
- ☒ Issue Fee Part B Fee Transmittal (in duplicate); and
- ☒ Return Receipt Postcard

2. With respect to fees:

- ☒ A check in the amount of \$1009.00 is enclosed to cover the cost of the issue fee and extra copies.
- ☒ Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2490.

3. CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 CFR § 1.10: The undersigned hereby certifies that this Transmittal Letter and the papers, as described hereinabove, are being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" in a box addressed to: PO Box 1450, Alexandria, VA 22313-1450, on this 2nd day of May, 2007. Express Mail No. **EV839377735US**.

Respectfully submitted,

David S. Harper

Registration No. 42,636